

Characteristics:

Brushless DC Motor, Open Frame (Stator-rotor set)



Specifications:

Dimensions (mm)	: Ø 38.0 X 51.0 mm
Shaft Diameter (mm)	: Ø 4.000 mm
Input Voltage (V)	: 18.0 V DC
No Load Speed (rpm)	: 23700 rpm
No Load Current (mA)	: 1.85 A
Nominal Speed (rpm)	: 20000 rpm
Nominal Torque (mNm)	: 110.00 mNm
Nominal Current (mA)	: 15.0 A
Stall Torque (mNm)	: 760.00 mNm
Stall Current (A)	: 93.50 A
Maximum Output Power (W)	: 473.00 W
Maximum Efficiency (%)	: 86.30%
Torque at Max Efficiency (mNm)	: 93.80 mNm
Speed at Max Efficiency (rpm)	: 20800 rpm
Life (Typical)	: 250 hr
Weight (g)	: 168.00 g
Operating Temperature Range (°C)	: -10 to 70 °C
Storage Temperature Range (°C)	: -20 to 70 °C
Electrical Connection	: 6-pin connector

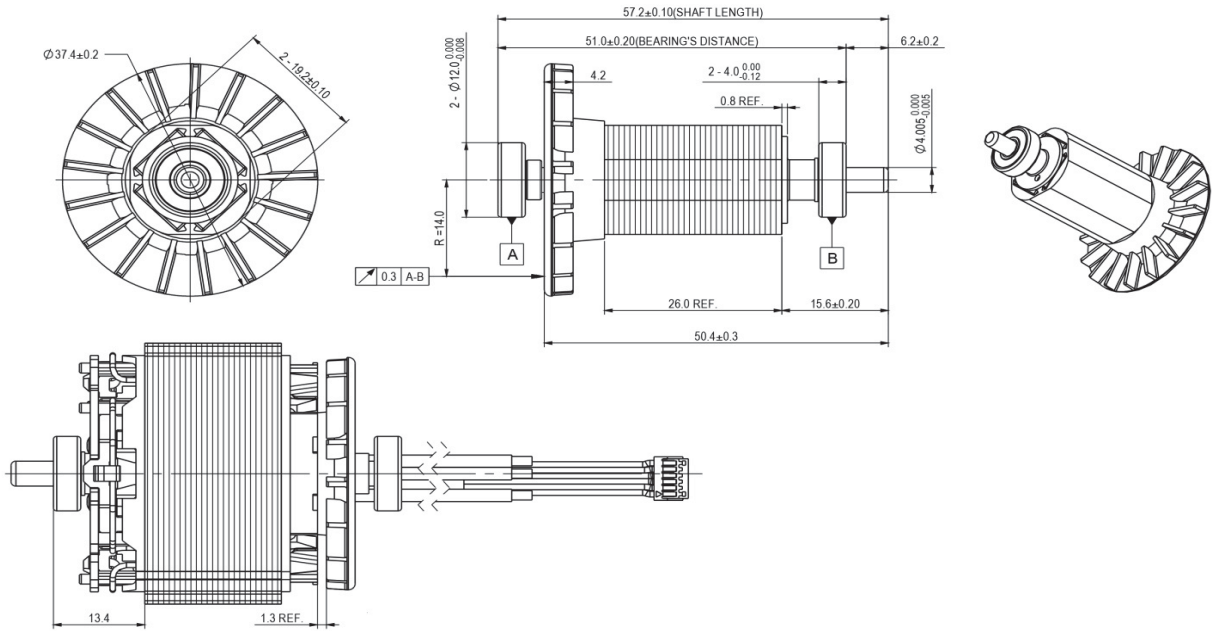
Performance Data:

	No Load	Stall	Max. Efficiency	Max. Power
Current (A)	1.85	93.50	13.16	47.68
Efficiency (%)	-	-	86.30	55.10
Output Power (W)	-	-	204.00	473.00
Speed (rpm)	23700.00	-	20800.00	11850.00
Torque (mNm)	-	760.00	93.80	380.30

Application Examples:

Drill, Screw Driver, Impact Driver, Grinder, Sander

Drawing:



Performance Curves:

